

Abstract

The present invention relates to optically active quinoline carboxylic acid derivatives, their pharmaceutically acceptable salts, their solvates, and a process for the preparation thereof. More specifically, the present invention relates to optically active quinoline carboxylic acid derivatives containing 4-aminomethyl-4-methyl-3-(Z)-alkoxyiminopyrrolidine substituents causing optical activity at the 7-position of the quinolone nuclei. As the compounds of the present invention have superior antibacterial activity and pharmacokinetic profiles to their enantiomers, their racemates and conventional antibacterial agents, with nearly no phototoxicity, the compounds of this invention are useful for antibacterial agents.